

SUBJECT: Maps and Their Uses in Intelligence COURSE: INTELLIGENCE PRINCIPLES AND METHODS

METHOD OF PRESENTATION: Lecture, Student HOURS: 2 hrs. 30 mins. STATINTL  
Exercise and Map  
Exhibit INSTRUCTOR: Mr. [REDACTED]

PRE-TEST: A 10 question map reading test is given to eliminate those students who are competent in this skill.

OBJECTIVES OF INSTRUCTION:

To discuss the many ways in which maps may assist the intelligence officer in his work and in this connection to demonstrate and teach map reading, the use of geographic coordinates and the military grid.

SUMMARY OF PRESENTATION:

1. An introduction to the subject of maps as tools of the intelligence officer is followed by a discussion of basic map data. One hour and fifteen minutes is devoted to an exposition of essential information required by the map reader. Subjects covered are:
  - (a) Map marginal data including sheet identification, map reliability, the legend, graphical scale, location diagram and type of projection or grid.
  - (b) Place names, gazetteers and the US Board of Geographic Names;
  - (c) Geographic coordinates and the several military grid systems. These are explained and demonstrated;
  - (d) Conventional map signs and symbols;
  - (e) Interpolation of contours.
2. A short film (OCD/GR #G6180) is used to recapitulate followed by a question period.
3. The principal types of maps of value to the intelligence officer and the various uses to which they may be adapted are briefly discussed and examples are displayed for examination.
4. The session is terminated with a 30 minute map reading exercise to enable the students individually to demonstrate their grasp of the subject.

REFERENCES:

Hydrographic Office, US Navy Department  
John W. Kappel, 1945  
"Map and Chart Reading Simplified"

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Department of the Army. FM 21 - 30  
"Conventional Signs, Military Symbols and Abbreviations"

Army Map Service Technical Manual No. 36, January, 1950  
"Grids and Grid References"  
Army - Air Force Publication TM 5 - 241 to - 16 - 1 - 233  
"The Universal Grid System"

Air Force Regulation No. 96 - 5 (1-3) January, 1951  
"World Geographic Reference System"

Air Force Regulation 200 - 25, May, 1953  
"Target Materials"

The National Geographic Society  
Willman Chamberlin  
"The Round Earth on Flat Paper"